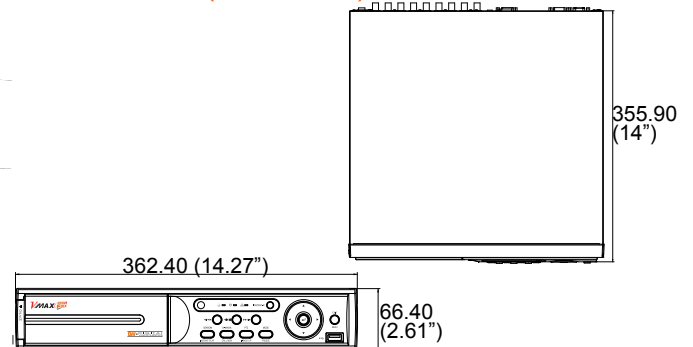




### Dimensions (unit : mm)



## Summary

The VMAX960HFlex model is an advanced H.264 Stand Alone digital video recorder that records real-time at 960H, D1, 2CIF, and CIF Resolutions. This DVR offers the unparalleled image quality of the VMAX960H, at an affordable cost for low and mid-size applications. In addition, the DVR offers great features such as Free DDNS, One Touch Backup and Playback, Single Channel Playback in Live, and is supported by our popular mobile application. The DVR is available with basic storage from 1 to 6 Terabytes.

## Features

- Advanced H.264 Stand Alone DVR
- Multiplex - Live, Playback, Recording, Backup, Network, Configuration
- Record 30 Frames per Second on Every Channel
- One Touch Video Backup, Reverse Playback, & Emergency Recording
- Simple & Free DDNS Support
- Web-Based Client with Multi-User Access
- Scheduled Network Backup
- S.M.A.R.T Health Check with Email Notification
- HDD Calculation and Auto Recording Configuration
- Email & Text Event Notifications
- Watermark Verification (Digital Signature Verification)
- Help Menu on Major Functions
- Auto & Manual Firmware Upgrade Available
- Import/Export Configuration Between Multiple DVRs
- USB Mouse, IR Remote Control, GUI
- Central Management Software, Up to 128CH
- Mobile Application for iPhone, iPad, iPod, Android Smart Phones and Tablets, and Kindle Fire
- MAC Compatible Remote Software

## Specifications

VIDEO		
Video Input		8/16 Channels
Video Live	Framerate	1-30fps
	Resolution	960H, D1, 2CIF, CIF
Video Output		HD Output, Composite, VGA, SPOT
Loop Output		2CH Looping Output
Audio	Input	8 Input (Via Terminal Blocks)
	Output	2 Output (Via Phone Jack)
Alarm	Audio Codec	ADPCM
	Sensor Input	8/16 Input
	Alarm Out	2 Output
Operating System		Embedded Linux
Serial		1xRS232, 2xRS485 for PTZ Camera & Contrler, 2xUSB 2.0
User Interface	Menu Display	Graphical User Interface (GUI)
	Control Methods	IR Remote Control, USB Mouse, Front Panel Buttons
Screen Display Mode		16CH: 1,4,9,16, Single Channel Playback, Sequence
Screen Resolution		1080p, 720p, 1280X1024, 1024X768, 720X480 (NTSC), 720X576 (PAL)
Performance		
Recording	Compression	H.264
	Recording Mode	Schedule, Event, Time-Lapse, Panic, Continuous, Pre & Post Event, Motion, Recording Configuration per Channel
	Pre Recording	0-15 Seconds
	Post Recording	10-10 Seconds
	Recording Rate	16CH: 480/ 400 fps (NTSC/ PAL) @ All Resolutions 8CH: 240/ 200 fps (NTSC/PAL) @ All Resolutions
	Recording Resolutions	Full 960H Real-Time Recording, 30fps @ All Resolutions
Playback	Playback Rate	16CH: 480/ 400 fps (NTSC/ PAL) @ All Resolutions 8CH: 240/ 200 fps (NTSC/PAL) @ All Resolutions
	Playback Resolution	Full 960H Real-Time Playback, 30fps @ All Resolutions
	Fast Forward Functions	x1/16, x1/8, x1/4, x1/2, x1, x2, x4, x8, x16, x32,
	Rewind Functions	First Data, Last Data, Frame-by-Frae (Panoramic)
	Search Modes	Date & Time, Record Table, Calendar, Event Preview, Bookmark, Play from Search, System & Event Logs, Panoramic Search, 1Channel Playback
Storage	HDD Interface	Up to 2 HDD
	Program Memory	Built-in Flash (512Mb)
	Max. Internal HDDs	Up to 6TB (2HDD x 3TB)
	External Storage	USB Flash Drive, USB HDD, DVD
	HDD Interface Type	SATA-II, SATA-III
Features	HDD Health Check	Temperature, S.M.A.R.T. with E-mail Notifications
	FaceStamp	Employee Management and Fraud Prevention
	Image Enhancer	Amplify signal up to 3,000ft (Cat5), 6,000ft (RG-59)
	Camera Color Control	Brightness, Contrast, Saturation, Hue
	Digital Zoom	Yes (Live & Playback)
	Software Upgrade	USB Flash Drive, Network Upgrade, FTP Remote Upgrade
	3G Mobile	Mobile App for Apple & Android Smart Phones & Tablets
	Covert Channel	Yes (Live & Playback)
Network		
Network Connection		Ethernet (1 x Gigabit 10/100/1000 Mbps)
Streaming	Transmission Speed Live	480/400 fps @ D1 (NTSC/ PAL)
	Protocols	Static, DDNS, DHCP
Access	Web Viewer	Live, Playback, & Config. up to 10 multiple connections
	Client Monitoring Software	ACS (Client S/W), MAC (Apple S/W), Pivot (CMS S/W)
General		
Operating Temperature/ Humidity		5 ~ 40°C (41 ~ 104°F)
Operating Humidity		Less than 80% (Non-Condensing)
Electrical	Power Requirement	12V 6.67A D/C
	Power Consumption	80.04W
Dimensions		14.27 X 2.61 X 14 in (362.40 X 66.40 X 355.90 mm)
Weight		8.4lb (3.8kg)

\*Specification is subject to change without prior notice.

## Available Models

